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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of
GRETZKE, et. al.

Examiner: LEE, Susannah E.

Art Unit: 1626

Application No.: 10/789,865

Filed: February 27, 2004

Title:

**Cycloalkyl derivatives having
bioisosteric carboxylic acid
groups, processes for their
preparation and their use as
pharmaceuticals**

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UNDER 37 C.F.R. 1.56, 1.97 AND 1.98


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Respectfully submitted,


Barbara E. Kurys, Reg. No. 34,650
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Respectfully submitted,



Barbara E. Kurys, Reg. No. 34,650
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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Complete if Known

Application Number	10/789,865
Filing Date	02-27-2004
First Named Inventor	GRETZKE, et. al.
Group Art Unit	1626
Examiner Name	LEE, Susannah E.
Attorney Docket Number	DEAV2003/0018 - US - NP

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Examiner Initials ¹	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
		EP	0 462 884 A1		VINCENT, et. al.	12-27-2001		
		WO	00/40569		HODSON, et. al.	07-13-2000		
		WO	00/63208		DORWALD, et. al.	10-26-2000		
		WO	00/64876		JAYYOSI, et. al.	11-02-2000		
		WO	00/64888		JAYYOSI, et. al.	11-02-2000		
		WO	00/66585		HORVATH, et. al.	11-09-2000		
		WO	00/71549		BROUGH, et. al.	11-30-2000		
		WO	00/78312 A1		SAHOO, et. al.	12-28-2000		
		WO	01/04146 A2		OLSEN, et. al.	01-18-2001		
		WO	01/09111 A1		BRINER, et. al.	02-08-2001		

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			Complete if Known		
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			Group Art Unit	1626	
			Examiner Name	LEE, Susannah E.	
Sheet	3	of	7	Attorney Docket Number	DEAV2003/0018 - US - NP

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FOREIGN PATENT DOCUMENTS								
Examiner Initials ¹	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
		WO	02/064549 A1		HAYWARD, et. al.	08-22-2002		
		WO	02/096864		DEFOSSA, et. al.	12-05-2002		
		WO	02/38541 A1		FUKUSHIMA, et. al.	05-16-2002		
		WO	02/46146 A1		TAKAHASHI, et. al.	06-13-2002		
		WO	02/50027		GLOMBIK, et. al.	06-27-2002		
		WO	03/004458 A1		GUSTAVSSON, et. al.	01-16-2003		
		WO	03/020269		GLOMBIK, et. al.	03-13-2003		
		WO	03/040174 A2		DEMUTH, et. al.	05-15-2003		
		WO	03/066581 A1		HENRY, et. al.	08-14-2003		
		WO	03/084922		DEFOSSA, et. al.	10-16-2003		

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			Application Number	10/789,865	
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Attorney Docket Number	DEAV2003/0018 - US - NP				
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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²	
		ASAKAWA, A., et. al., Cocaine-Amphetamine-Regulated Transcript Influences Energy Metabolism Anxiety and Gastric Emptying in Mice, Hormone and Metabolic Reserch; Vol. 33(9); 2001; pp 554-558		
		BERGER, J., et. al., The Mechanisms of Action of PPARs, Annul. Rev. Med.; Vol. 53; 2002; pp 409-435		
		FRUCHART, J.C., et. al., PPARs, Metabolic Disease and Atherosclerosis, Pharmacological Research; Vol. 44, No. 5; 2001' pp 345-352		
		KERSTEN, S., et. al., Roles of PPARs in Health and Disease, Nature; Vol. 405; May 25, 2000; pp 421-424		
		KLIEWER, S.A., et. al., Peroxisome Proliferator-Activated Receptors: From Genes to Physiology, Recent Prog. Horm Res.; Vol. 56; 2001; pp 239-263		
		LEE, D.W., et. al., Leptin agonists as a potential approach to the treatment of obesity, Drugs of the Future; Vol. 26(9); 2001; pp 873-881		
		MOTOJIMA, K., et. al. Peroxisome Proliferator-Activated Receptor (PPAR): Structure, Mechanisms of Activation and Diverse Functions, Cell Structure and Function; Vol. 18; 1993; pp 267-277		
		OKADA, H., et. al., Synthesis and Antitumor Activities of Prodrugs of Benzoylphenylureas, Chem. Pharm. Bull.; Vol. 42(1); 1994; pp 57-61		
		PINEDA TORRA, I., et. al., Peroxisome Proliferator-activated Receptors: from Transcriptional Control to Clinical Practice, Curr. Opin. Lipidol; Vol. 12; 2001; pp 245-254		
		PINEDA TORRA, I., et. al., Peroxisome proliferator-activated receptor alpha in metabolic disease, inflammation, atherosclerosis and aging, Curr. Opin. Lipidol; Vol. 10; 1999; pp 151-159		

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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		VIDAL-PUIG, A., et. al., Regulation of PPAR γ Gene Expression by Nutrition and Obesity in Rodents, J. Clin. Invest.; Vol. 97, No. 11, 1996; pp 2553-2561	
		WILLSON, T., M., et. al., The PPARs: From Orphan Receptors to Drug Discovery; Journal of Medicinal Chemistry; Vol. 43, NO. 4; 2000; pp 527-550	
		ZUNFT, H.J.F., et. al., Carob Pulp Preparation for Treatment of Hypercholesterolemia, Advances in Natural Therapy; Vol. 18, No. 5; Sept.-Oct, 2001; pp 230-236	

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